BRUHAT BENGALURU MAHANAGARA PALIKE

Name of the Work: Constrcution of Gazebo, watchmen shed, pathway improvement, child play equipment and other development work at Doddabommasandra lake ward 10

Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
1	De-silting tank bed/ Feeder channel in dry condition by excavating the deposited bed material and disposing off the same by stacking/formation of Embankment or as directed including cost of all machinery, labour etc., complete with lead upt to 1 Km and all lifts including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work.	Cum	5000	76.00	3,80,000.00	Rupees Seventy Six Only
2	Extra lead for dumping the removed quantity of Silt to specified dump yard for a distance of 17 km from lake, including cost of materials and labours and with all lead and lift, loading unloading and to fro movement of lorry etc.. complete as per specification and direction if engineer in charge of work.	Cum	5000	178.00	8,90,000.00	Rupees One Hundred Seventy Eight Only
3	Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications.ordinary soil including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work.	Cum	100.8	276.00	27,820.80	Rupees Two Hundred Seventy Six Only
4	Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed; concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications. including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work.	Cum	33.02	5,775.00	1,90,696.28	Rupees Five Thousand Seven Hundred and Seventy Five Only
5	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.omplete as per specifications including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work.	Cum	4.938	5,903.00	29,149.01	Rupees Five Thousand Nine Hundred and Three Only
6	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	130.366	5,110.00	6,66,170.26	Rupees Five Thousand One Hundred and Ten Only
7	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	93.245	6,096.00	5,68,421.52	Rupees Six Thousand and Ninety Six Only
8	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	31.037	6,721.00	2,08,599.68	Rupees Six Thousand Seven Hundred and Twenty One Only
9	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer- in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	191 7	955.00	1,83,073.50	Rupees Nine Hundred and Fifty Five Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
10	Providing chain link fencing 50mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality of shop paint over one coat of shop paint, including cost of Materials, labour, HOM paint complete as per specification and direction if engineer in charge of work	Sqm	280	795.00	2,22,600.00	Rupees Seven Hundred and Ninety Five Only
11	Providing and fixing M.S. Block pipe of 38mm dia, of heavy gauge of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two vertical poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	350.385	453.00	1,58,724.41	Rupees Four Hundred and Fifty Three Only
12	KSRRB M300-59.2. Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layer of embankment / subgrade, scarified to a depth of 150mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Table 300-2 for embankment / subgrade including HOM construction, labour etc.. complete as per specifications. and direction if engineer in charge of work	Cum	7740	25.00	1,93,500.00	Rupees Twenty Five Only
13	Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	64.5	276.50	17,834.25	Rupees Two Hundred and Seventy Six and Paise Fifty Only
14	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450X200X400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. including cost of materials and labour charges and with all lead and lift, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	3791	500.20	18,96,258.20	Rupees Five Hundred and Paise Twenty Only
15	Providing and applying floor painting with ready mix paint in two coats (excluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after thoroughly cleaning oil, dirt, dust other foreign matter, including cost of materials, labour, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	774	79.00	61,146.00	Rupees Seventy Nine Only
16	Providing casing embankment using semi-pervious soil from approved borrow areas in layers of 250 to 300 mm before compaction including cost of all materials, machinery, labour, all other operations such as excavation, sorting out, transportation, spreading soil to specified thickness, breaking clods, sectioning, watering, compacting to density control of not less than 95 percent using power roller etc., complete with initial lead all lifts. including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	481.6	247.00	1,18,955.20	Rupees Two Hundred and Forty Seven Only
17	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.uding cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	48.045	332.57	15,978.33	Rupees Three Hundred Thirty Two and Paise Fifty Seven Only
18	KSRB 4.9.2 Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Tonne	1.673	78,909.93	1,32,016.32	Rupees Seventy Eight Thousand Nine Hundred Nine and Paise Ninety Three Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
19	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing curing complete as per specification and Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, cost of materials complete as per specifications including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	75.556	261.31	19,743.23	Rupees Two Hundred Sixty One and Paise Thirty One Only
20	Providing 20mm thick cement plaster in single coat with cement mortar, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. cement mortar 1:3 , including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	12.45	321.40	4,001.43	Rupees Three Hundred Twenty One and Paise Forty Only
21	Extra for providing and mixing waterproofing compound in cement plaster for stone masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:4, 20mm thick cost of materials complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	21.03	10.0	210.46	Rupees Ten and Paise One Only
22	MS Sheet 20 Gauge for Sump Tank Cover complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Kg	45	39.58	1,781.04	Rupees Thirty Nine and Paise Fifty Eight Only
23	Providing 20mm square M.S.Footrest and fixing in manhole with 1:3:6 cement concrete block of 20x20x10 cms using 20mm an ddown size metal of size including cost of materials, labour charges, curing complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	2	306.90	613.79	Rupees Three Hundred Six and Paise Ninety Only
24	Transportation of excavated earth by mechanical means including loading and unloading with a lead of 20 kmtr and dispersing the same as directed. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	6.25	121.20	757.51	Rupees One Hundred Twenty One and Paise Twenty Only
25	Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications.ordinary soil complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	58.356	276.87	16,157.20	Rupees Two Hundred Seventy Six and Paise Eighty Seven Only
26	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	139.822	223.60	31,264.20	Rupees Two Hundred Twenty Three and Paise Sixty Only
27	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	9.576	2,710.00	25,950.96	Rupees Two Thousand Seven Hundred Ten Only
28	Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets excluding cost of reinforcement as per specificationcomplete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	1.581	6,551.55	10,358.00	Rupees Six Thousand Five Hundred Fifty One and Paise Fifty Five Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
29	Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	8.82	489.25	4,315.22	Rupees Four Hundred Eighty Nine and Paise Twenty Five Only
30	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	71.266	489.25	34,867.15	Rupees Four Hundred Eighty Nine and Paise Twenty Five Only
31	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth, cills and string courses cost of all materials, labour complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	42.27	398.07	16,826.61	Rupees Three Hundred Ninety Eight and Paise Seven Only
32	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	25.249	324.69	8,198.01	Rupees Three Hundred Twenty Four and Paise Sixty Nine Only
33	Providing and removing centering, shuttering, strutting, propping & removal of form work etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	5.826	839.51	4,891.01	Rupees Eight Hundred Thirty Nine and Paise Fifty One Only
34	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for chajja, corbels etc., including edges including cost of all materials, labour complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	8.82	359.16	3,167.76	Rupees Three Hundred Fifty Nine and Paise Sixteen Only
35	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	29.664	6,028.94	1,78,842.44	Rupees Six Thousand Twenty Eight and Paise Ninety Four Only
36	Construction of partition wall 10 cms thick with table moulded modular burnt bricks of class designation 5.0 Newton per sqmm with cement mortar 1:4 including cost of materials, labour charges, scaffolding, curing complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	12.21	873.98	10,671.35	Rupees Eight Hundred Seventy Three and Paise Ninety Eight Only
37	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM complete as per specifications., including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in	Sqm	11.7	3,705.00	43,348.50	Rupees Three Thousand Seven Hundred Five Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
38	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Kg	245.7	107.00	26,289.90	Rupees One Hundred Seven Only
39	Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications.Mathi / Nandi wood frames complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	0.312	81,389.56	25,393.54	Rupees Eighty One Thousand Three Hundred Eighty Nine and Paise Fifty Six Only
40	Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	3	1,519.00	4,557.00	Rupees One Thousand Five Hundred Nineteen Only
41	Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications.Honne wood complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	5.775	4,767.00	27,529.43	Rupees Four Thousand Seven Hundred Sixty Seven Only
42	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm longbrackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	3.15	520.39	1,639.22	Rupees Five Hundred Twenty and Paise Thirty Nine Only
43	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame,Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges. to do both sides prelam. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	4.725	4,165.33	19,681.17	Rupees Four Thousand One Hundred Sixty Five and Paise Thirty Three Only
44	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.Ceramic Tiles of size 30x30cms 6mm thick complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	8.29	1,346.00	11,158.34	Rupees One Thousand Three Hundred Forty Six Only
45	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	33.9	1,417.72	48,060.83	Rupees One Thousand Four Hundred Seventeen and Paise Seventy Two Only
46	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	59.93	1,086.00	65,082.89	Rupees One Thousand Eighty Six Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
47	Providing ruled pointing 20 mm deep to coursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	100.29	155.67	15,612.93	Rupees One Hundred Fifty and Paise Sixty Seven Only
48	Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	171.9	250.00	42,975.00	Rupees Two Hundred Fifty Only
49	Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.in CM 1;6 complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	231.192	272.43	62,982.55	Rupees Two Hundred Seventy Two and Paise Forty Three Only
50	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.with primer complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	200.026	100.07	20,017.52	Rupees One Hundred and Paise Seven Only
51	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.with primer complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	122.346	113.42	13,876.22	Rupees One Hundred Thirteen and Paise Forty Two Only
52	Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	14.7	55.60	817.28	Rupees Fifty Five and Paise Sixty Only
53	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	14.7	110.00	1,617.00	Rupees One Hundred Ten Only
54	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	11.7	47.00	549.90	Rupees Forty Seven Only
55	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	11.7	110.00	1,287.00	Rupees One Hundred Ten Only
56	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be considered - (a) 100% for fresh surface (b) Upto 10 % for repainting of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	200.026	89.00	17,802.31	Rupees Eighty Nine Only
57	Providing & fixing of Door locking arrangements complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	3	577.84	1,733.52	Rupees Five Hundred Seventy Seven and Paise Eighty Four Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
58	Providing & fixing of Handles powder coated 150mm complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	6	53.34	320.05	Rupees Fifty Three and Paise Thirty Four Only
59	Hinges 5" heavy duty complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	12	32.90	394.76	Rupees Thirty Two and Paise Ninety Only
60	Tower bolt 300mm Long complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	6	106.67	640.04	Rupees One Hundred Six and Paise Sixty Seven Only
61	Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:8 for basement and superstructu/re including cost of materials, labour charges, scaffolding, curing complete as per specifications.with cement mortar 1:6 complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	39.221	7,460.01	2,92,588.87	Rupees Seven Thousand Four Hundred Sixty and Paise One Only
62	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application.(a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height includingrounding off junctions of walls and slabs. (c) After two days of propercuring, applying a second coat of cement lurry admixed with proprietarywater proofing compound (d) Finishing the surface with 20mm thick joint less cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeksfor curing and for final test including cost of materials, labour complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	70.196	1,118.61	78,522.06	Rupees One Thousand One Hundred Eighteen and Paise Sixty One Only
63	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	35.55	136.00	4,834.80	Rupees One Hundred Thirty Six Only
64	Providing stoneware gully trap 15cms x 10cms of approved quality and make fixing in M- 15 and plastering with CM 1:3 wherever necessary.(Rate includes cost of all materials, fixtures and lead). complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	3	311.34	934.03	Rupees Three Hundred Eleven and Paise Thirty Four Only
65	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 110mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	6	569.31	3,415.88	Rupees Five Hundred Sixty Nine and Paise Thirty One Only
66	Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	2	7,854.74	15,709.49	Rupees Seven Thousand Eight Hundred Fifty Four and Paise Seventy Four Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
67	Providing and fixing unplasticised PVC pipes with working pressure 10 kg/sq.cm with pipe fittings, clips, making good the floor, including cost of all materials, labour charges, HOM and testing complete as per specifications.160mm outer dia complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	80	1,400.00	1,12,000.00	Rupees One Thousand Four Hundred Only
68	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	2	4,696.83	9,393.67	Rupees Four Thousand Six Hundred Ninety Six and Paise Eighty Three Only
69	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	3	180.00	540.00	Rupees One Hundred Eighty Only
70	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	6	180.00	1,080.00	Rupees One Hundred Eighty Only
71	KSRB13-6.3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. 20 mm dia nominal bore including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	2	373.61	747.22	Rupees Three Hundred Seventy Three and Paise Sixty One Only
72	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	1	399.19	399.19	Rupees Three Hundred Ninety Nine and Paise Nineteen Only
73	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. 32mm dia complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	275	261.31	71,859.12	Rupees Two Hundred Sixty One and Paise Thirty One Only
74	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	1	7,592.33	7,592.33	Rupees Seven Thousand Five Hundred Ninety Two and Paise Thirty Three Only
75	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) 20mm pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	25	261.31	6,532.65	Rupees Two Hundred Sixty One and Paise Thirty One Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
76	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) 25mm pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	12	325.80	3,909.58	Rupees Three Hundred Twenty Five and Paise Eighty Only
77	Providing and fixing of submersible single phase motor 0.5/0.37 complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Nos	1	10,847.71	10,847.71	Rupees Ten Thousand Eight Hundred Forty Seven and Paise Seventy One Only
78	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required utilising/transporting the remaining earth upto 1.00 km lead. Including the cost of labour & HOM as per drawing and technical specification.complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	99.9	67.83	6,776.05	Rupees Sixty Seven and Paise Eighty Three Only
79	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining including cost of materials, labour, curing complete as per specifications . complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	54	157.90	8,526.36	Rupees One Hundred Fifty Seven and Paise Ninety Only
80	Natural Sand 5.6 to 75 microns complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Cum	101.25	1,869.12	1,89,248.27	Rupees One Thousand Eight Hundred Sixty Nine and Paise Twelve Only
81	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc.,complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Sqm	144	6,010.00	8,65,440.00	Rupees Six Thousand Ten Only
82	Supply and fixing of childern Play Equipment Fiero A Swing : Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at site. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	1	1,10,762.08	1,10,762.08	Rupees One Lakh Ten Thousand Seven Hundred Sixty Two and Paise Eight Only
83	Supply and fixing of childern Play Equipment Monker Bar VFM Support posts of height 1.82 m are to be schedule Galvanized steel with a 60 mm OD {Outer Diameter}.All the posts are to be finished with a baked on powder coat finish. Handrail of size 1.3 m and Dia 48 mm shall be an welded unit, fabricated from 48 O.D. galvanized steel pipes with a baked on powder coating finish. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be of tamper resistant stainless steel. Electro - statically applied polyester powder must have a tough finish with maximum durability. The rates are to be inclusive of supply and installation at site. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	1	84,195.89	84,195.89	Rupees Eighty Four Thousand One Hundred Ninety Five and Paise Eighty Nine Only
84	Supply and fixing of childern Play Equipment Four Seater Seesaw : SPECIFICATIONS The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 4 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	1	95,334.17	95,334.17	Rupees Ninety Five Thousand Three Hundred Thirty Four and Paise Seventeen Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
85	Supply and fixing of childern Play Equipment Merry go round - DX : The Merry go round consists of a round platform which is made of galvanized steel and has a thickness of 2.5 mm. It is also power coated with the thickness of 2.5 mm. It is of Dia 1210 mm. It has 3 inverted "L" shaped handrails which is made of Galvanized steel and of dimensions as 474 mmx 815 mm. It has thickness of Dia 32 mm. The 3 handrails are separated exactly. All the 3 handrails are connected to the Centre with the help of a rod which is also made of Galvanized steel and of Dia 48 mm and height 815 mm. The rates are to be inclusive of supply and installation at site. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	1	75,900.00	75,900.00	Rupees Seventy Five Thousand Nine Hundred Only
86	Supply and fixing of childern Play Equipment Puppy dog Rider / Elephant rider / Horse rider : : HDPE of size 0.83 m x 0.31 m x 0.87 m, Plastic Components [super thick plastic] shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with "color molded" in not "added in". All rotational molding is carried out in state of the art, precision, bi axial roto moulding machines which helps achieve guaranteed uniform wall thickness, seamless joints, accurate process control, one part construction to make it stress free. Specialized connectors such as clamps and couplings are to be cast from aluminium which is pre-treated, and cured, with a baked on powder coat finish.The rates are to be inclusive of supply and installation at site. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	1	50,000.00	50,000.00	Rupees Fifty Thousand Only
87	Supply and fixing of childern Play Equipment Creppy Crawly climber: The wavey support bars are of height 1.5 m are to be schedule HOT DIP Galvanized steel with a 48 mm OD. Powder coatings used is Akzo Nobel's. The finished products have the following typical characteristics: 0.5mm thickness, oven cured between 191oC and 220oC, to achieve Flexibility, Impact, Salt Spray {Corrosion} Resistance, Hardness, and Adhesion. All post caps are to be cast from aluminum which is pretreated, cured and sandblasted, 114mm diameter, with a baked on powder coat finish.Handrail of height Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish. The Electro- statically applied polyester powder has a tough finish with maximum durability using AkzoNobel INTERPON paints application, and dual zone cure oven to a thickness of 0.5mm thickness, oven cured between 191oC and 220oC. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as per EN1176 standards as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention	Each	1	1,97,448.03	1,97,448.03	Rupees One Lakh Ninety Seven Thousand Four Hundred Forty Eight and Paise Two Only
88	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20 mm dia 2 mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	18	41.96	755.28	Rupees Forty One and Paise Ninety Six Only
89	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25 mm dia 2 mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	15	55.60	833.96	Rupees Fifty Five and Paise Sixty Only
90	Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	13	54.00	702.00	Rupees Fifty Four Only
91	Supplying heavy gauge PVC Conduit Pipe 25 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Mtr	10	60.00	600.00	Rupees Sixty Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
92	Supplying heavy gauge PVC Conduit Pipe 25 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work.....Supplying and fixing metal fan box with round hook	Nos	4	89.17	356.66	Rupees Eighty Nine and Paise Sixteen Only
93	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work.... Short point upto 3Mtr from tapping point to out let via switch	Point	8	209.80	1,678.40	Rupees Two Hundred Nine and Paise Eighty Only
94	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Point	6	288.48	1,730.85	Rupees Two Hundred Eighty Eight and Paise Forty Seven Only
95	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...1.5 sqmm	Mtr	60	14.69	881.16	Rupees Fourteen and Paise Sixty Nine Only
96	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...2.5 sqmm	Mtr	95	34.00	3,230.00	Rupees Thirty Four Only
97	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...4 sqmm	Mtr	15	47.21	708.08	Rupees Forty Seven and Paise Twenty Only
98	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...1-3Way	Each	5	99.66	498.28	Rupees Ninety Nine and Paise Sixty Five Only
99	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...4-5Way	Each	1	110.15	110.15	Rupees One Hundred Ten and Paise Fourteen Only
100	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...1 to 3 Module	Each	5	115.00	575.00	Rupees One Hundred Fifteen Only
101	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...4 Module	Each	1	131.00	131.00	Rupees One Hundred Thirty One Only

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
102	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...6Amps one way.	Each	4	73.00	292.00	Rupees Seventy Three Only
103	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...6Amps 3way socket.	Each	4	110.00	440.00	Rupees One Hundred Ten Only
104	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...Stepped Fan Regulator.	Each	2	304.00	608.00	Rupees Three Hundred Four Only
105	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...16Amps one way switch	Each	3	120.00	360.00	Rupees One Hundred Twenty Only
106	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...6Amps Bell push	Each	1	100.00	100.00	Rupees One Hundred Only
107	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...6/16Amps universal socket	Each	3	169.00	507.00	Rupees One Hundred Sixty Nine Only
108	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.	Each	100	7.00	700.00	Rupees Seven Only
109	Supplying & fixing retrofit type -PL- LED Lamp W LED linear source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.8-9 Watts complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work ...19/20mm dia 2mm thick	Each	8	366.00	2,928.00	Rupees Three Hundred Sixty Six Only
110	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.100Amps complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	2	366.00	732.00	Rupees Three Hundred Sixty Six Only
111	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts, etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/ three phase suitable capacity MCCB/MCB's as outgoings confirming to IS8828.4Way complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	1	455.00	455.00	Rupees Four Hundred Fifty Five Only
112	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...6-32Amps SP	Each	3	455.27	1,365.80	Rupees Four Hundred Fifty Five and Paise Twenty Seven Only

Executive Engineer
Lakes

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Bill of Quanties

Sl. No.	Item Name	Unit	Approved Quantity	Approved Rate	Total Amount (In Rupees)	Rate in words (in Rupees)
113	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work..6-32 Amps DP	Each	1	953.54	953.54	Rupees Nine Hundred Fifty Three and Paise Fifty Four Only
114	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Single Door8Way SP &N complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	1	1,007.04	1,007.04	Rupees One Thousand Seven and Paise Four Only
115	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 19/20mm dia 2mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Nos	1	3,146.00	3,146.00	Rupees Three Thousand One Hundred Forty Six Only
116	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...25x3mm	Mtr	12	78.00	936.00	Rupees Seventy Eight Only
117	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...600x600x3mm GI Plate	Each	1	797.00	797.00	Rupees Seven Hundred Ninety Seven Only
118	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...4 core 16 sqmm	Mtr	15	136.00	2,040.00	Rupees One Hundred Thirty Six Only
119	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system. complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work...48" Sweep (1200mm) Regular model	Each	4	2,192.00	8,768.00	Rupees Two Thousand One Hundred Ninety Two Only
120	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders complete as per specification including cost of materials and labour charges and with all lead and lift, complete as per specification and direction if engineer in charge of work	Each	8	115.00	920.00	Rupees One Hundred Fifteen Only
				Total	**91,31,311.64**	
				Note: GST Will be paid separately @12% of contract Amount	**10,95,757.40**	
				Grand Total	**1,02,27,069.04**	

Contractor
(Mahesh. K. N.)

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